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Vol I

S E R V I C E B I B L I O G R A P H Y

LIST OF TRANSLATIONS ON METEOROLOGY AND ATMOSPHERIC PHYSICS

Compiled by

ROSA E. HAY

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AIR WEATHER SERVICE BIBLIOGRAPHY

LIST OF TRANSLATIONS ON METEOROLOGY AND ATMOSPHERIC PHYSICS

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APRIL 1959

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UNITED STATES AIR FORCE

AWS Bibliography 15

*AWS Bibl 15

Headquarters
AIR WEATHER SERVICE (MATS)
United States Air Force
Scott AFB, Ill., April 1959

FOREWORD

1. **Purpose.** Air Weather Service Bibliography 15, "List of Translations on Meteorology and Atmospheric Physics," is published for the information of intelligence, scientific, technical, and climatological services activities in AWS units, and of other U. S. military activities concerned.

2. **Content.** This bibliography consists of two parts and lists all the unclassified translations in the field of meteorology and related geophysical topics known to Headquarters Air Weather Service, and which are available to qualified U. S. military activities. (A list of classified translations was issued separately as AWS Bibl 15, which may be obtained from ASTIA, No AD-136857.)

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ROBERT D. FLETCHER
Director, Scientific Services

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LIST OF TRANSLATIONS ON METEOROLOGY AND ATMOSPHERIC PHYSICS

INTRODUCTION

This bibliography has been compiled primarily on the basis of translations available in the Technical Files of Headquarters Air Weather Service. A large number of translations from Russian meteorological texts and journals made by or for the service during World War II forms the nucleus of the collection. To them have been added many translations made by or for USAF and other U. S. military agencies, as well as a number from other U. S., British and Canadian government agencies (including their contractors). The subjects covered are mainly meteorology and atmospheric physics, though a considerable selection of items on phases of oceanography, hydrology, aeronautics, astronomy and geography, which may be of interest to meteorologists has been included. It cannot be claimed that this collection approaches completeness of translations made in these fields by these agencies since about 1939. Until recently, it has not been the practice for many of the agencies to notify others of translations they have made nor to publish them. Many translations probably still lie buried and forgotten in files or have been lost. However, various offices have kindly given or loaned known copies of their valuable translations to Headquarters Air Weather Service. In all cases permissible these translations have been microfilmed and indexed by ASTIA (Armed Services Technical Information Agency) from whom U. S. military activities and their contractors can obtain copies directly and thereby avoid troubling the translating office for copies which they are often not prepared to supply.

Obtaining Copies of Translations. It is intended that all requesters (U. S. military activities and their contractors, only) obtain copies from ASTIA in all cases where an ATI or AD number is given. Certain translations are listed which are not available from ASTIA; AWS field activities desiring any of these will request them from Headquarters Air Weather Service who will endeavor to supply them. Other activities will

have to obtain them from the original source. The original source of the translation has not been indicated herein except in a few cases. Headquarters Air Weather Service will furnish this information to U. S. military activities when it is needed in order to obtain the document. In some cases an intelligence document number is cited; these translations should be requested through intelligence channels using the number given as reference. Translations issued by commercial sources are so indicated and the price given when known. The addresses of these sources are given at the end of this Introduction.

Quality of Translations. Prospective users of these translations are advised that the majority of them are rough or poorly edited, especially from a technical standpoint. The translators in most cases were not scientists and not acquainted with the technical English terminology appropriate to the subject. In many cases the title and publisher of the journal or book translated were translated without citing them in the original language; as this often makes identification very difficult, Headquarters Air Weather Service has attempted to supply the correct citations in original language; unfortunately, a few uncertainties remain. Not all translations include the illustrations and it may be necessary to refer to the original publication for them. A majority of the translations were available only in poor copy, so that some of the reproductions may be difficult to read or partly illegible. In these cases request for loan of the original, if available, may be necessary.

Use of this Bibliography. The arrangement of this bibliography is designed mainly for the convenience of the person contemplating reading or translating a certain paper but wishing to find out if a translation already exists. An alphabetical listing of the serials (Part One) is given first. Within each serial and for non-serials (Part Two) an alphabetical arrangement by name of first author

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given. No classification by subject was attempted as it would be very difficult to do and would be of little practical significance. Items followed by an asterisk are presently in Technical Files of Headquarters Air Weather Service.

Addenda. From time to time addenda to this bibliography will be issued, containing

further accessions as well as corrections to the previous listing. The cooperation of users of this bibliography is solicited in advising Headquarters Air Weather Service of errors in the listings.

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New York 11, New York

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Foreign Technical Translations
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PART ONE

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AKADEMIA NAUK SSSR (See: METEORIKTA)

AKADEMIA NAUK SSSR (See: VESTNIK AKADEMIA NAUK)

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